Hu_CD19 K562 Cell Line

Cat. No. CEL100102

PRODUCT INFORMATION

Target	CD19
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human CD19 Using Lentiviral Technology
Host Cells	K562
Uniprot ID	P15391
Applications	FACS Data
Growth media	RPMI-1640+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Suggested Control	SKU: BME100094
Warranty and Disclaimer	1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month after receipt will not be processed.
Storage&Shipping	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
Synonyms	B4;CVID3;MGC12802
Background	Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
Usage	For research use only.

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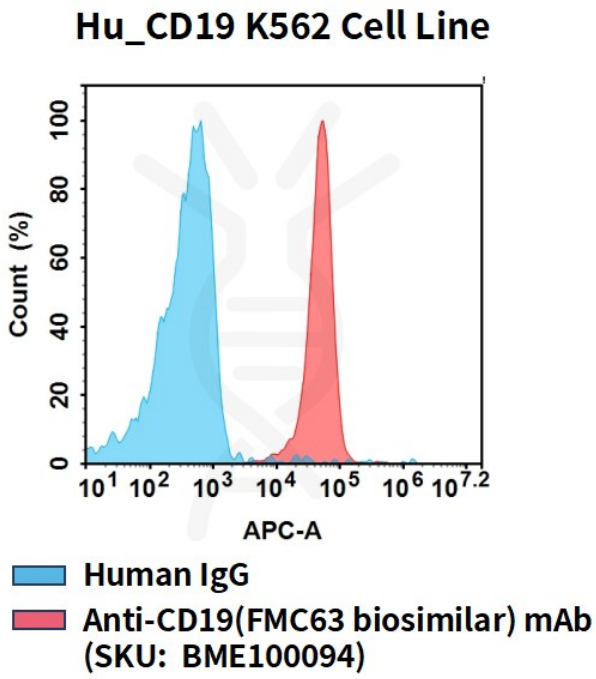


Figure 1. Flow cytometry analysis of human CD19 overexpression using Hu_CD19 K562 Cell Line (Cat. No. CEL100102) and Anti-CD19(FMC63 biosimilar) mAb (Cat. No. BME100094)

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